

Team Member's Names: Matt

School: Mount Vernon Middle School, Mount Vernon, IA

Teacher: Mrs. Searce

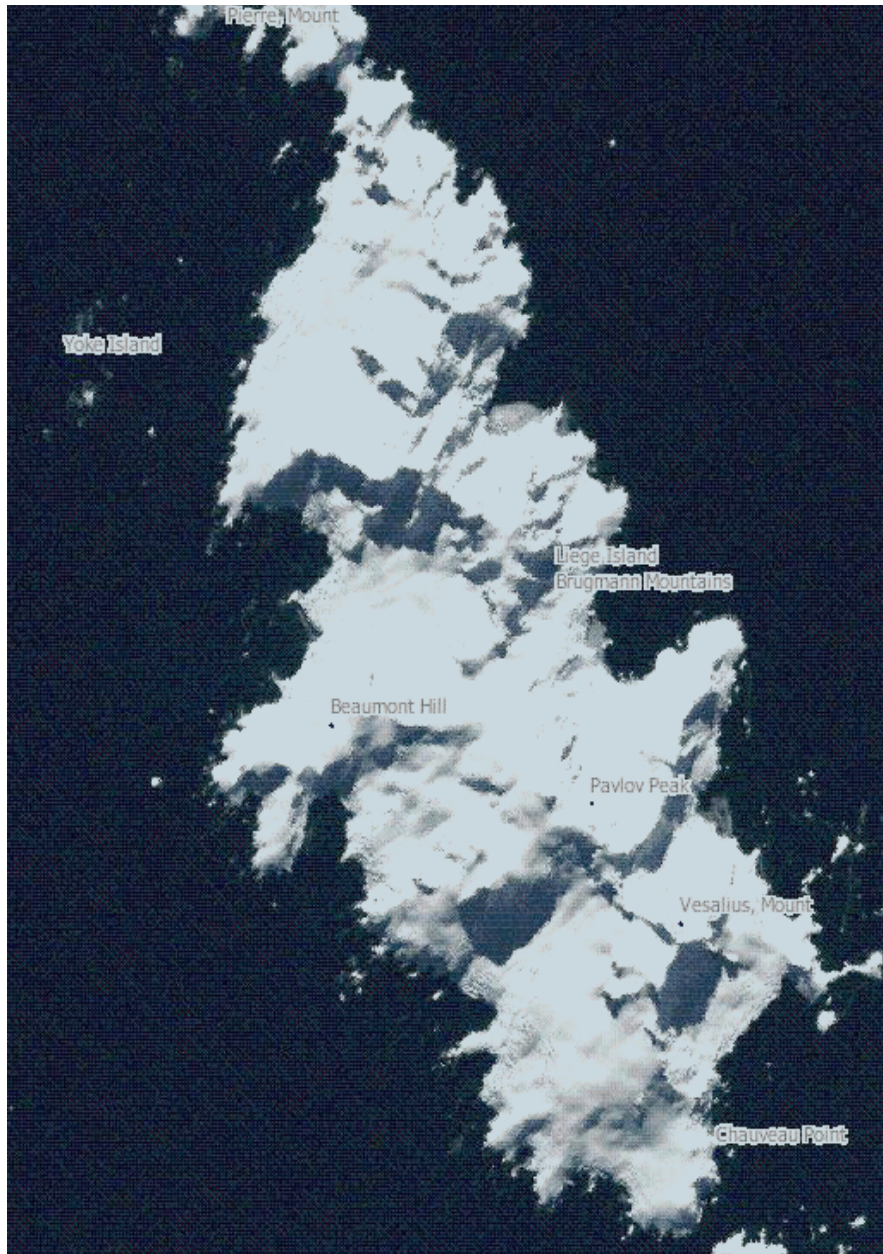
Proposal:

1. The name and/or description of your chosen ice feature

Brugman Mountains. The description in LIMA said-

Mountains rising to 850 m, which are steep and rugged on the E slopes but are icecapped and descend gently toward the W, extending in a NE-SW arc along the E side of Liege Island, in the Palmer Archipelago. Discovered by the BelgAE under Gerlache, 1897-99, and named by him for Georges Brugmann, a patron of the expedition.

2. An image of your chosen ice feature



3. The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of Antarctica with a mark pinpointing the location of their selected feature).



Brugman
Mountains

Its latitude is -64.0333333 and its longitude is -61.9166667.

4.A paragraph explaining why your chosen ice feature is scientifically interesting.

These mountains are scientifically interesting because they are in a warmer part of Antarctica along the peninsula and there will be more opportunities to observe life. I believe that you can see penguins from here.

5.A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.

I think the geological process to create these mountains is a volcano erupted and created these mountains. Ice cores drilled from glaciers in the mountains may indicate the geologic history of the Mountains.

6.A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)

I think our team should be funded so there are more opportunities to find more life in this extreme environment.